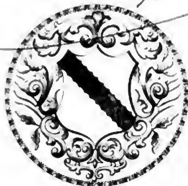
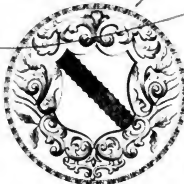


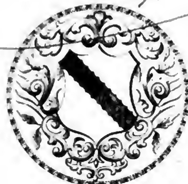

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E BIBL. RADCL

XXII KUPFERTAFELN

ZU DER

EINLEITUNG IN DIE KRYSTALLOGRAPHIE

UND IN DIE

KRYSTALLOGRAPHISCHE KENNTNISS DER WICHTIGEREN SUBSTANZEN

VON

HERMANN KOPP.

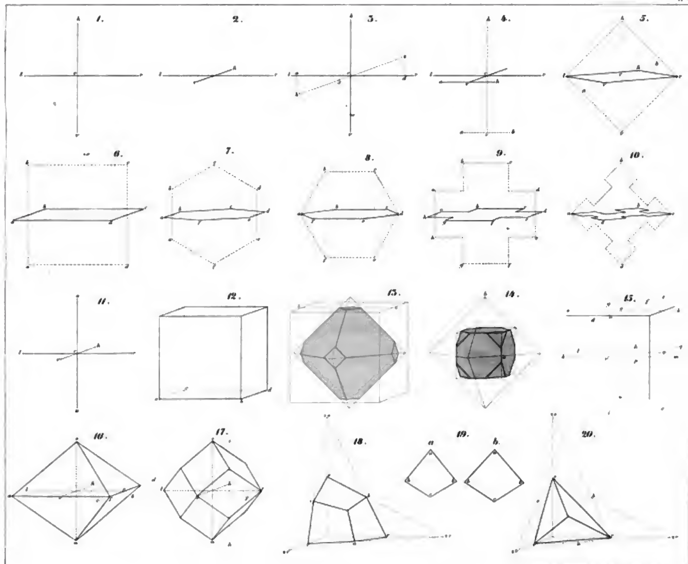
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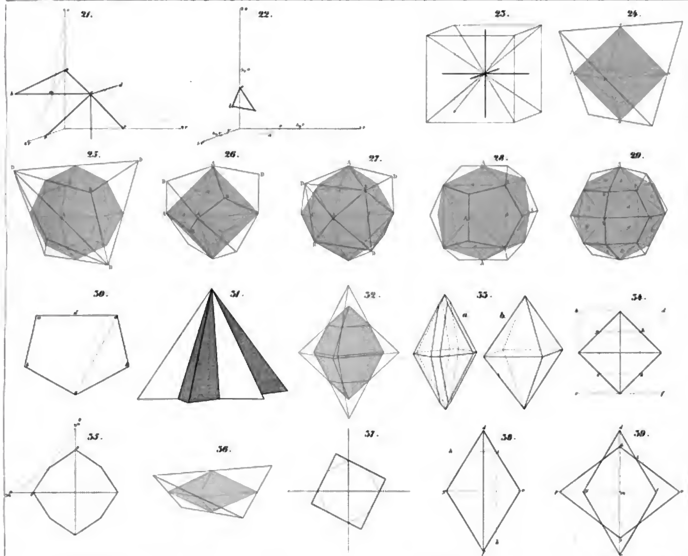
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DRUCK UND VERLAG VON FRIEDRICH VIEWEG UND SOHN.

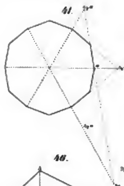
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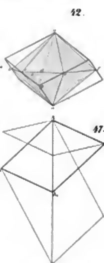
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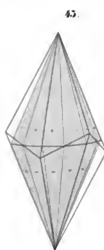

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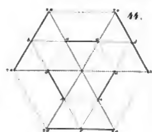

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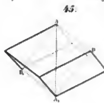

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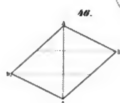

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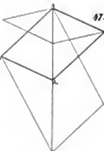

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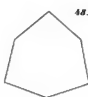

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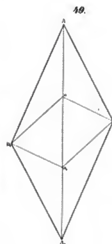

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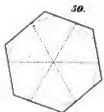

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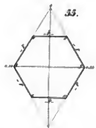

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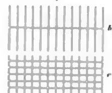

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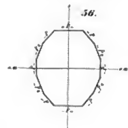

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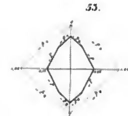

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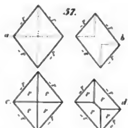

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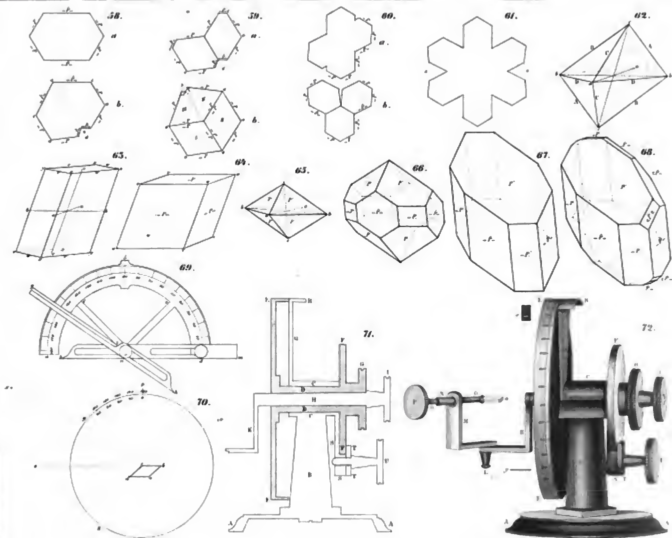

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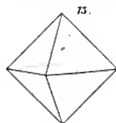

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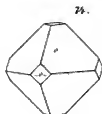

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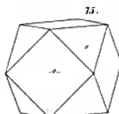
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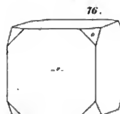
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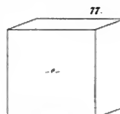
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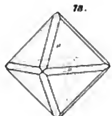
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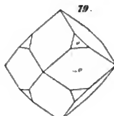
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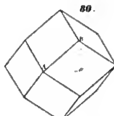
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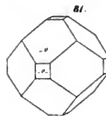
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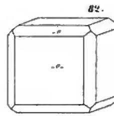
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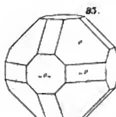
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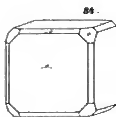
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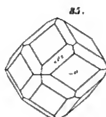
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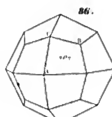
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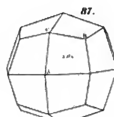
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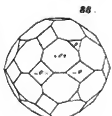
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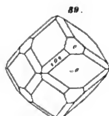
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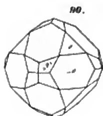
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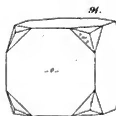
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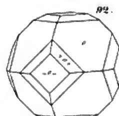
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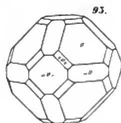


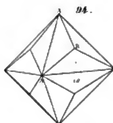
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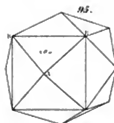


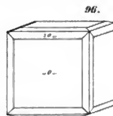
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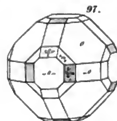


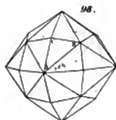

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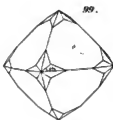

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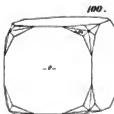

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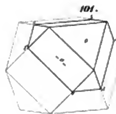

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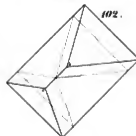

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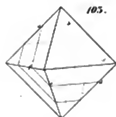

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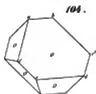

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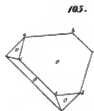

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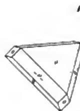

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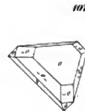

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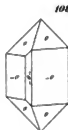

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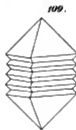

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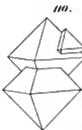

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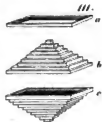

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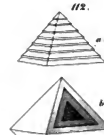

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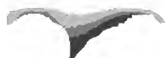


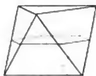
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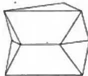


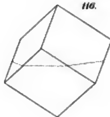


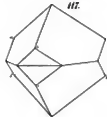
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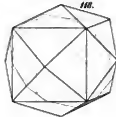


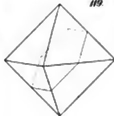

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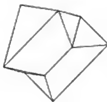

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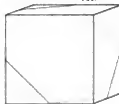

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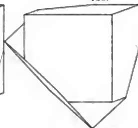

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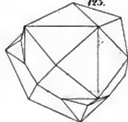

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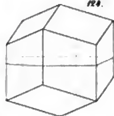

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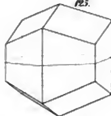

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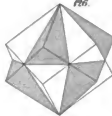

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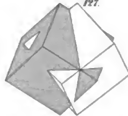

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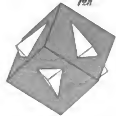

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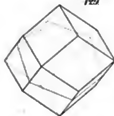

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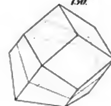

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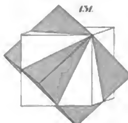

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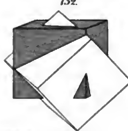

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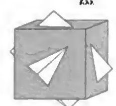

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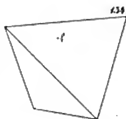

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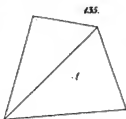

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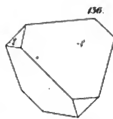

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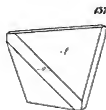

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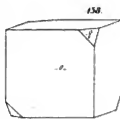

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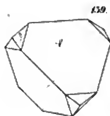

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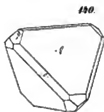

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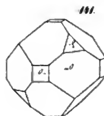

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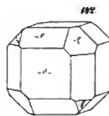

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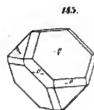

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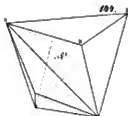

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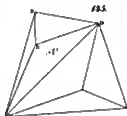

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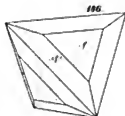

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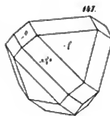

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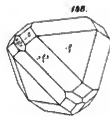

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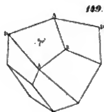

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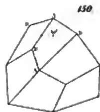

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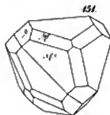

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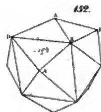

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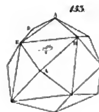

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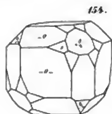

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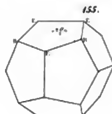

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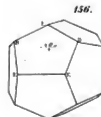

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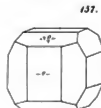

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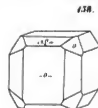

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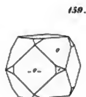

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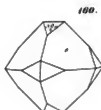

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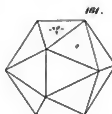

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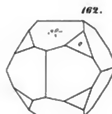

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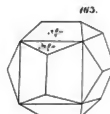

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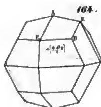

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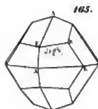

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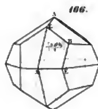

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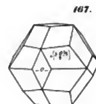

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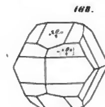

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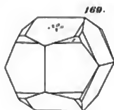

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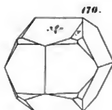

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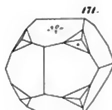

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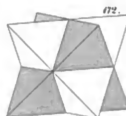

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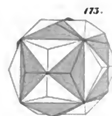

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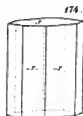

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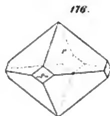

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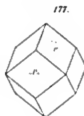

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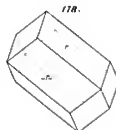

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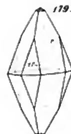

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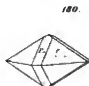

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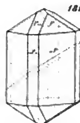

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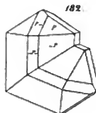

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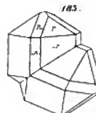

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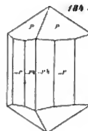

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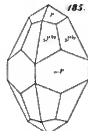

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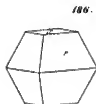

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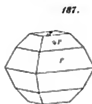

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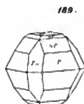

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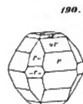

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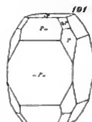

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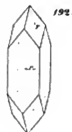

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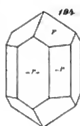

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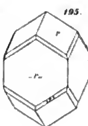

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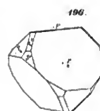

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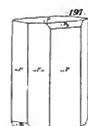

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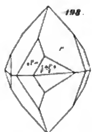

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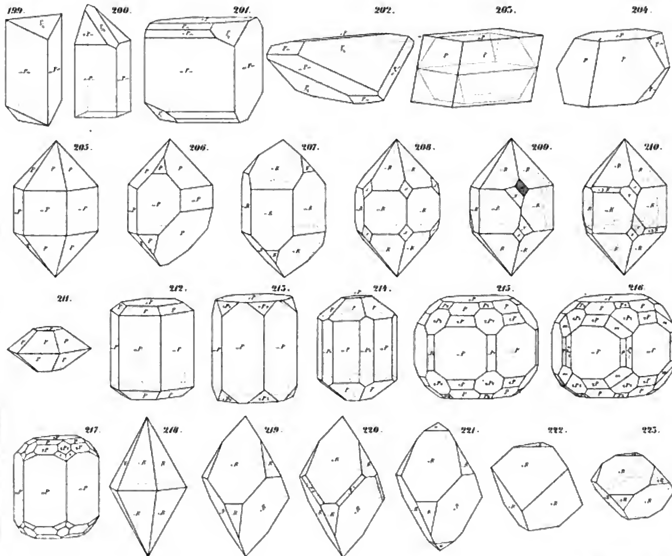

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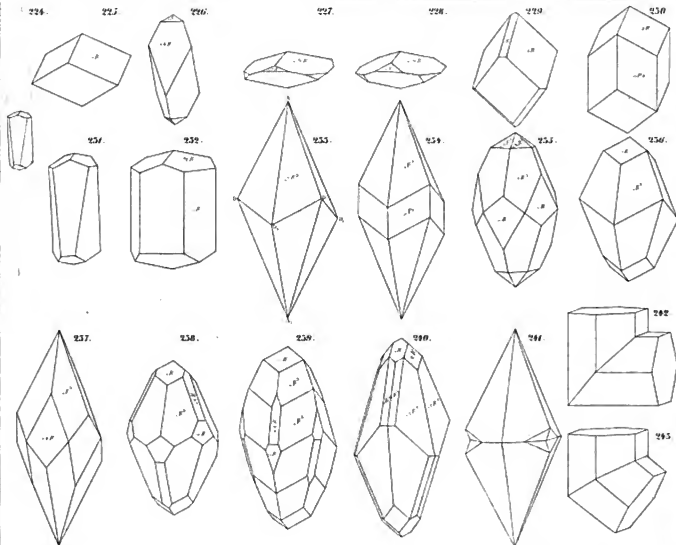

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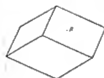

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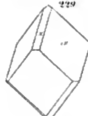
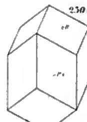

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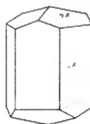
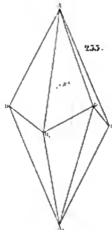
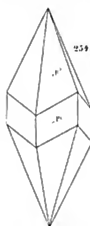

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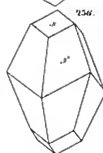

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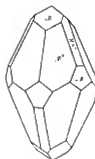
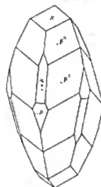
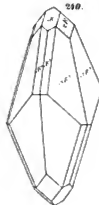
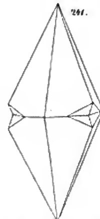
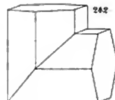
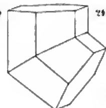


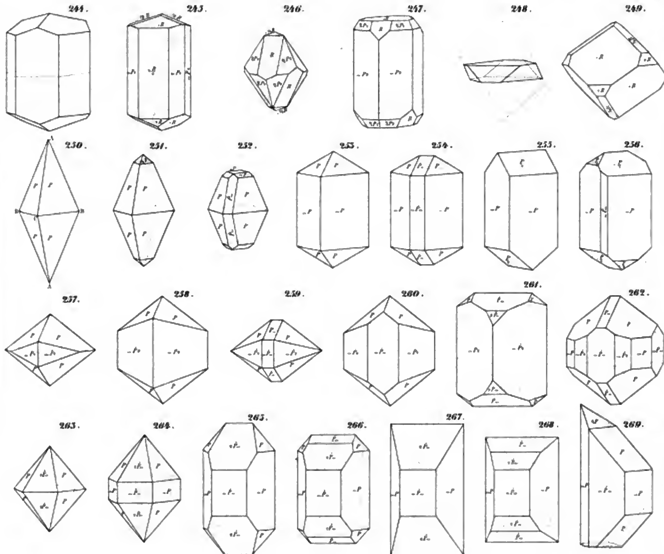






270. 271. 272. 273. 274. 275.

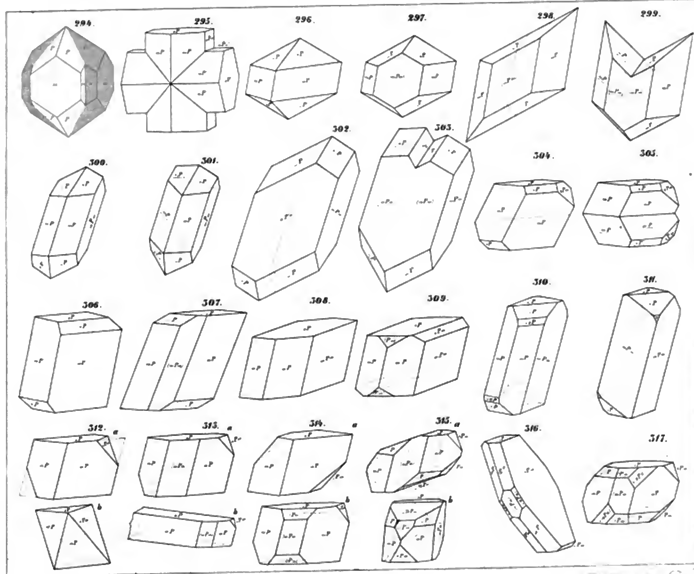
276. 277. 278. 279. 280. 281.

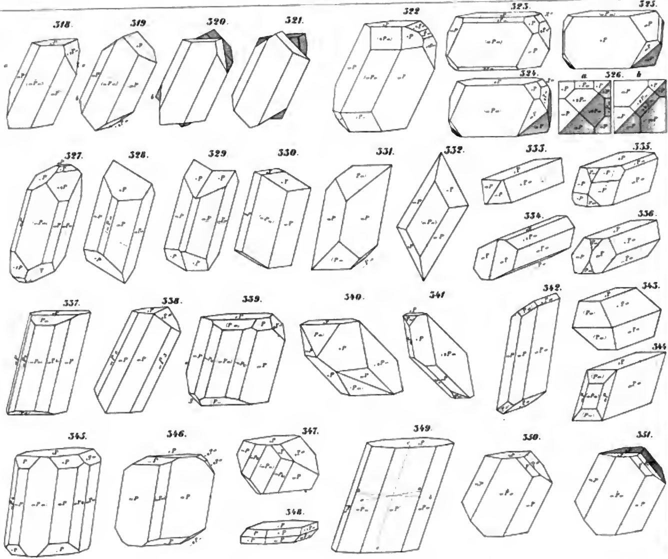
282. 283. 284. 285. 286. 287.

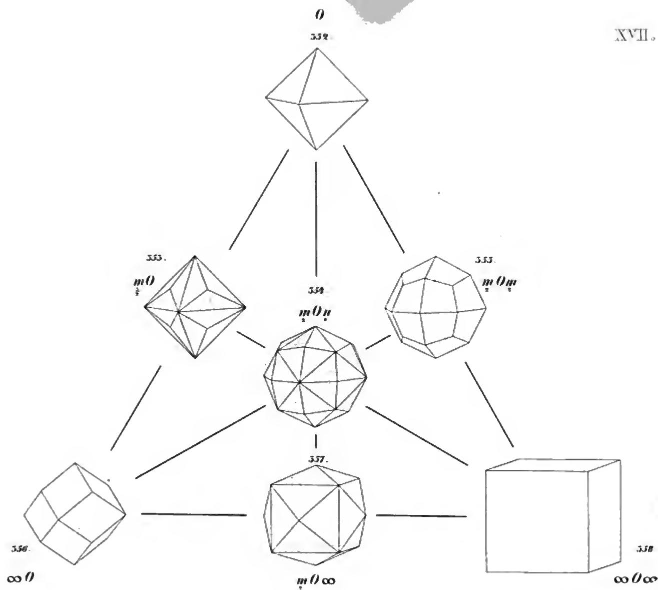
288. 289. 290. 291. 292. 293.

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353.
mO
354.
mOn
355.
mOm
356.
∞O
357.
mO∞
358
∞O∞

oP 559.

(m<1) mP 560.

P 561.

562. mP (m>1)

∞P 563.

oPn = oP 564.

mPn 565.

Pn 566.

mPn 567.

∞Pn 568.

oP∞ = oP 569.

mP∞ 570.

P∞ 571.

mP∞ 572.

∞P∞ 573.

oP 374.	$m<1)$ mP 375.	P 376.	377. mP $(m>1)$	∞P 378.
$oPn = oP$ 379.	mPn 380.	Pn 381.	mPn 382.	∞Pn 383.
$oP2 = oP$ 384.	$mP2$ 385.	$P2$ 386.	$mP2$ 387.	$\infty P2$ 388.

oR 389.

$m<1)$ $\pm mR$ 390.

$\pm R$ 391.

392. $\pm mR$ $(m>1)$

∞R 393.

$oR^n = oR$ 394.

$\pm mR^n$ 395.

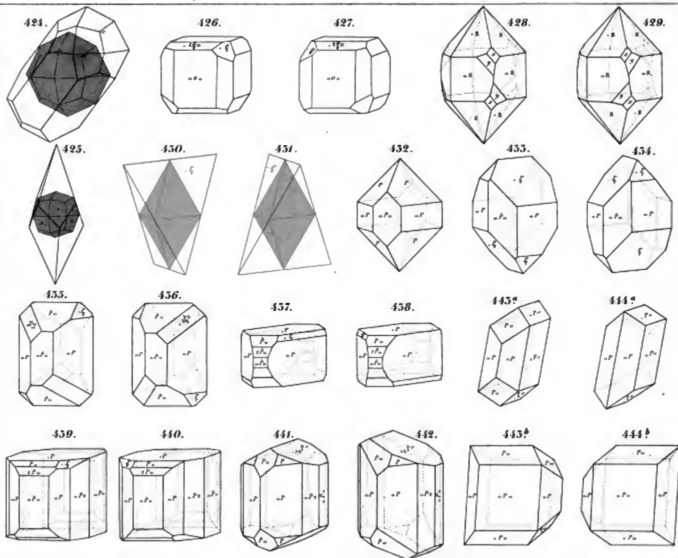
$\pm R^n$ 396.

$\pm mR^n$ 397.

$\infty R^n = \infty R$ 398.

XXI.

$o\bar{P}\infty = oP$ 399.	$m\bar{P}\infty$ 400.	$\bar{P}\infty$ 401.	$m\bar{P}\infty$ 402.	$\infty\bar{P}\infty$ 403.
$o\bar{P}n = oP$ 404.	$m\bar{P}n$ 405.	$\bar{P}n$ 406.	$m\bar{P}n$ 407.	$\infty\bar{P}n$ 408.
oP 409.	$(m<1)$ mP 410.	P 411.	412. mP $(m>1$	∞P 413.
$o\breve{P}n = oP$ 414.	$m\breve{P}n$ 415.	$\breve{P}n$ 416.	$m\breve{P}n$ 417.	$\infty\breve{P}n$ 418.
$o\breve{P}\infty = oP$ 419.	$m\breve{P}\infty$ 420.	$\breve{P}\infty$ 421.	$m\breve{P}\infty$ 422.	$\infty\breve{P}\infty$ 423.


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443b
444b

VII TAFELN

MIT

NETZEN ZU KRYSTALLMODELLEN

ZU DER

EINLEITUNG IN DIE KRYSTALLOGRAPHIE

UND IN DIE

KRYSTALLOGRAPHISCHE KENNTNISS DER WICHTIGEREN SUBSTANZEN

VON

HERMANN KOPP.

ZWEITE AUFLAGE.

BRAUNSCHWEIG,

DRUCK UND VERLAG VON FRIEDRICH VIEWEG UND SOHN.

1 8 6 2.

ÜBERSICHT DER MODELLE.

Reguläres System.

Tafel I. 1) O; Fig. 73 (§. 60).
2) $\infty O \infty$; Fig. 77 (§. 62).
3) $\infty O \infty . O$; Fig. 76 (§. 63).
4) $\infty O \infty . O$ im Gleichgewicht; Fig. 75 (§. 63).
5) $O . \infty O \infty$; Fig. 74 (§. 63).
6) ∞O; Fig 80 (§. 66).
Tafel II. 7) $\infty O . O$; Fig. 79 (§. 67).
8) $\infty O \infty . \infty O$; Fig. 82 (§. 67).
9) $2 O 2$; Fig. 66 (§. 70).
10) $2 O$; Fig. 94 (§. 74).
11) $2 O \infty$; Fig. 95 (§. 77).
12) $3 O \frac{3}{2}$; Fig. 98 (§. 80).
13) $\frac{O}{2}$; Fig. 134 oder 135 (§. 102).
14) $\frac{2 O 2}{2}$; Fig. 144 oder 145 (§. 106).
15) $\frac{\frac{3}{2} O}{2}$; Fig. 149 oder 150 (§. 109).
Tafel III. 16) $\frac{5 O \frac{5}{3}}{2}$; Fig. 152 oder 153 (§. 111 und 112).
17) $\frac{2 O \infty}{2}$; Fig. 155 oder 156 (§. 114 und 115).
18) $\infty O \infty . \frac{2 O \infty}{2}$; Fig. 157 (§. 116).
19) $\left[\frac{3 O \frac{3}{2}}{2}\right]$; Fig. 165 oder 166 (§. 118).

Quadratisches System.

20) P; Fig. 361 (§. 138).
21) P; ähnlich Fig. 362 (§. 138).
(Hinsichtlich beider vergl. auch §. 143).
22) $P . P \infty$ oder $P . 2 P \infty$; ähnlich Fig. 179 ohne die kleineren Flächen oben und unten (§. 147).
23) $P . \infty P$; ähnlich Fig. 176 (§. 149).
24) $P . \infty P \infty$; ähnlich Fig. 192 (§. 150).
25) $\infty P \infty . 0 P . P$; ähnlich Fig. 193 (§. 152).
26) $P \frac{3}{2}$, bezogen auf Modell 20 als P; Fig. 366 (§. 144). Tafel IV.

Hexagonales System.

27) P; ähnlich Fig. 376 oder 377 (§. 186).
28) $P . \infty P$; Fig. 205 (§. 193).
29) $P \frac{3}{2}$, bezogen auf Modell 27 als P; ähnlich Fig. 381 o. 382 (§. 190).
30) R; Fig. 391 (§. 202, 204, 209).
31) $-\frac{1}{2} R$, bezogen auf Modell 30 als R; Fig. 390 (§. 202, 204, 209).
32) $-2 R$, bezogen auf Modell 30 als R; Fig. 392 (§. 202, 204, 209).
33) $-\frac{1}{2} R . \infty R$, bezogen auf Modell 30 als R; Fig. 232 (§. 214).
34) $R . \infty P 2$, bezogen auf Modell 30 als R; ähnlich Fig. 230 (§. 215).
35) R^3, bezogen auf Modell 30 als R; Fig. 233 (§. 217 — 220).

Rhombisches System.

36) P; Fig. 250 (§. 249).
37) $P . \breve{P} \infty$; ähnlich Fig. 252 ohne $0 P$ und $\frac{1}{3} P$ (§. 261). Tafel V.
38) $P . \infty P$; ähnlich Fig. 253 (§. 259, 264).

39) $P \,.\, \infty P \,.\, \infty \breve{P} \infty$; ähnlich Fig. 276 (§. 264).

40) $P \,.\, \infty P \,.\, \infty P2$; Fig. 279 (§. 266).

41) $P \,.\, \infty \breve{P}2$; ähnlich Fig. 258 (§. 260).

42) $\infty P \,.\, \bar{P} \infty \,.\, \breve{P} \infty$ (§. 269).

43) $\infty P \,.\, \frac{P}{2}$; ähnlich Fig. 256 (§. 279).

44) $\infty P \,.\, \acute{P} \infty \,.\, \infty \breve{P} \infty'$; Fig. 288 (§. 264, 268, 282).

Monoklinometrisches System.

45) $+ P \,.\, - P$; ähnlich Fig. 62 (§. 304).

46) $+ P \,.\, - P \,.\, \infty P$, bezogen auf Modell 45 als P; ähnlich Fig. 296 (§. 311).

47) $+ P \,.\, \infty P$, bezogen auf Modell 45 als P (§. 317).

Tafel VI. 48) $+ P \,.\, \infty P \,.\, [\infty P \infty]$, bezogen auf Modell 45 als P, ähnlich Fig. 332 (§. 312, 317).

49) $\infty P \,.\, 0P$, bezogen auf Modell 45 als P; ähnlich Fig. 63 (§. 311).

50) $\infty P \,.\, 0P \,.\, - P$, bezogen auf Modell 45 als P; ähnlich Fig. 307 (ohne $[\infty P \infty]$) (§. 316).

51) $[\infty P \infty] \,.\, \infty P \infty \,.\, 0P$, bezogen auf Modell 45 als P; ähnlich Fig. 64 (§. 315).

52) $\infty P \,.\, 0P$; ähnlich Fig. 63 (§. 311).

53) $\infty P \,.\, 0P \,.\, \infty P \infty$; ähnlich Fig. 308 (§. 312).

Triklinometrisches System.

54) $\infty \{P \,.\, 8P\} \,.\, 0P$ (§. 364).

55) $\{P\}$; Fig. 65 (§. 362).

56) $\{P\} \,.\, \infty \{P\} \,.\, \infty \breve{P} \infty \,.\, \infty \bar{P} \infty$; Fig. 66 (§. 365).

57) $P' \,.\, \infty \{P\} \,.\, \infty \breve{P} \infty \,.\, \infty \bar{P} \infty$; Fig. 67 (§. 365).







